BRUHAT BANGALORE MAHANAGARA PALIKE
DASARAHALLI ZONE

Name of Work: Improvements to drain at 1st main Havanoor Layout Bagalagunte W.No-14 .

			Est. Cost Rs				20.00	Lakhs	
Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **Ordinary soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications. MORTH Chapter 3 (P.141/I.19.1 PW, P & IWTD -SR 2016-17)								
		Cum	1	266.00	1.20	1.00	319.20		
							319.20	86.92	**27745.00**
	Basic Rate	82.00							
	Add Area Weightage 6%	4.92							
	Total	**86.92**							
2	KSRB 4-1.3: Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @180 kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.12/I.4.3) PWD - SR 2016-17)								
		Cum	1	266	1.20	0.15	47.88		
	Basic Rate	4867.00					**47.88**	5256.36	**251675.00**
	Add Area Weightage 8%	389.36							
	Total	5256.36							
3	KSRB 4-6.4 : Providing and removing **centering,** shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications, Specification NO KBS 4.6.2 Page No 15/ Item No 4.31/PWD SR 2016-17								
		Sqm	4	266.00	1.00		1064.00		
	Basic Rate	293.00					**1064.00**	310.58	**330457.00**
	Add Area Weightage 6%	17.58							
	Total	**310.58**							

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4-1.7 : Providing and laying in position **reinforced cement concrete** of design mi x M-20 with OPC Cement @320 kgs with 20 mm and down size graded granite metal course aggregates @ 0.69cum and fine aggregates @0.460 cum with Super Plasticisers @3 lts confirming to is 9103-1999 reafirmed -2008, Machine mixed concrete laid in layers not exceeding 15 cms thick, vibrated for all works in laid in foundation for footings, retaining walls return walls, (any thickness) and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.6 (P.13/I.4.11) PW, P & IWTD - SR 2016-17)								
		Cum	2	266.00	0.15	0.90	71.82		
	Basic Rate	6011.00					**71.82**	6371.66	**457613.00**
	Add Area Weightage 6%	360.66							
	Total	**6371.66**							
5	KSRB 4.9.2 : Providing **T.M.T steel** reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 500 Specification No.KBS 4.6.3 (Page No.17, Item No. 4.46.2) 2016-17								
	10 mm dia steel across drain	Tonne	2660	2.55	6783.00	0.62	4205.46		
	10 mm dia steel along drain	Tonne	18	266.00	4788.00	0.62	2968.56		
						Say	**7174.02**		
							7.17	69805.80	**500788.00**
	Basic Rate	56050.00							
	Add Area Weightage 6%	3363.00							
	TOTAL	59413.00							
6	Supplying and fixing **precast** rainforced concee slab 10cm thick including cost of reinforcement as per design and drawing material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface stc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials.								
		Sqm	1	266.00	0.90		239.40		
	Data Rates Approved						**239.40**	1600.00	**383040.00**
7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 133 Item No. 17.1 PWD SR 2015-16							80.80	
		Cum	Qty Vide Item No. 1				**319.20**	~~85.65~~	**27339.00**
	Loading and Unloading	68.00							
	Lead 4 KMs	12.80							
		80.80							
	Add Area Weightage 6%	~~4.85~~							
	Total	**85.65**							

Sl	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
8	Quality control Test Charges 1%								20000.00
9	Miscellaneous and UnforessenCharges								1343.00
								Total	2000000.00

(Rupees.Twenty Lakhs Only)

CERTIFICATE:-

The Work spot has been inspected and the work is found to be necessary

1 The Estimate is prepared as per the PW,P & IWTD -SR-2016-17

2 The Provision made in estimate are adequate and essential.

3 This area comes under BBMP limits.

4

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ನಂ.CE/AS/114/16-17 ದಿನಾಂಕ : 07/02/2017
ರೂ. ಇಪ್ಪತ್ತು ಲಕ್ಷ ರೂಪಾಯಿಗಳು ಮಾತ್ರ/-
Rs. 20.00 Lakh Rupees only/-
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಅಧೀಕ್ಷಕ ಅಭಿಯಂತರರು ಮಂಜೂರಾತಿ ನೀಡಿದೆ.
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

ನಂ. EE/TS/126/16-17 ದಿನಾಂಕ : 14.2.17
ರೂ. Twenty lakhs only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ
ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು